

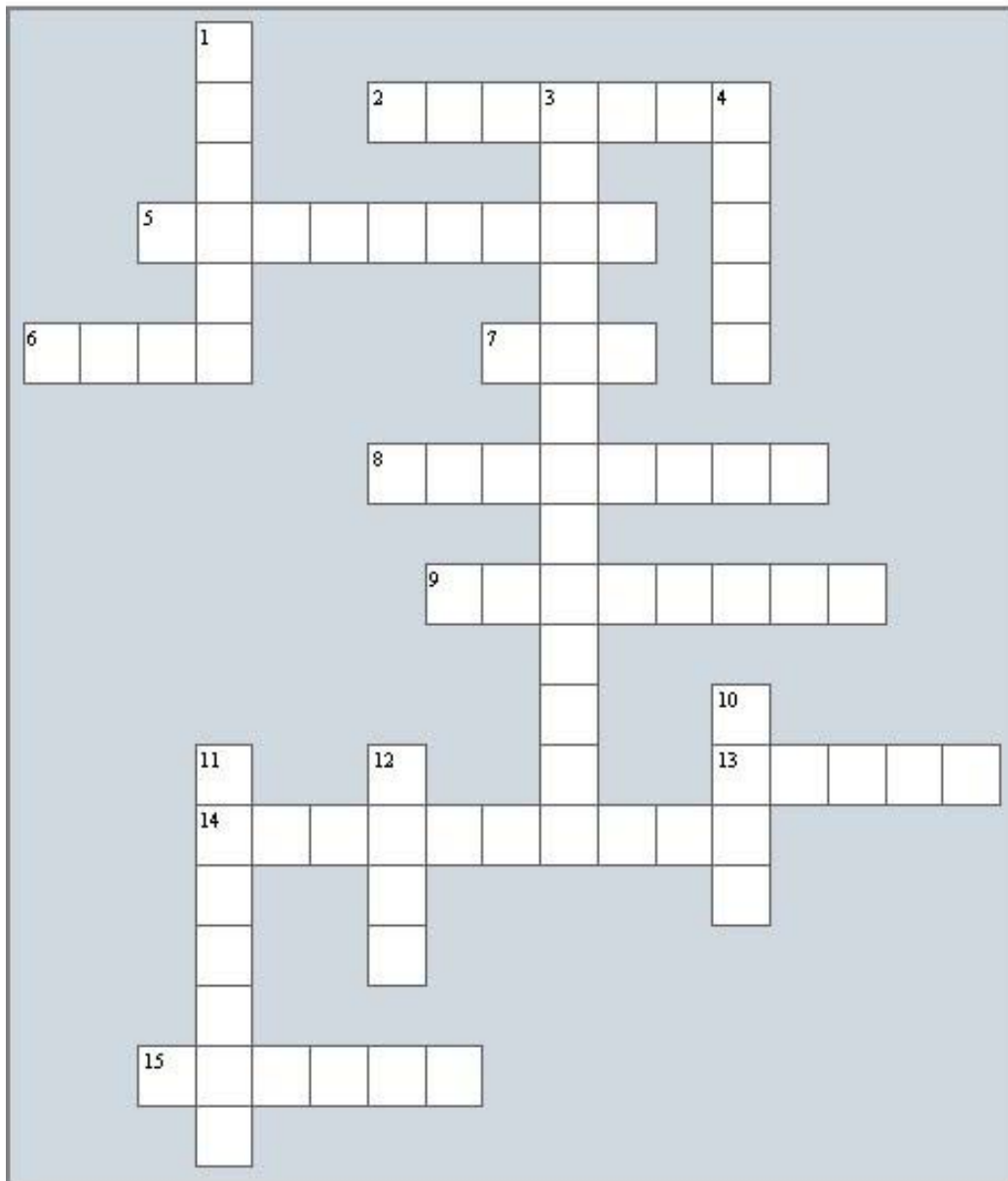
Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

## WWP #5

# Pythagorean Theorem



**Across**

2. the \_\_\_\_\_ for calculating the area of a rectangle is  $\text{Area} = \text{Length} \times \text{Width}$
5. to find out how much something will cost, how long something will take etc. by using numbers
6. a triangle has three angles and three \_\_\_\_\_ s
7. one of the sides in a right-angled triangle is called a \_\_\_\_\_
8. in the \_\_\_\_\_  $2x + 1 = 7$ , what is  $x$ ?
9. the symbol for this word is  $\Delta$
13. an angle of  $90^\circ$  is a \_\_\_\_\_ angle
14. the longest side in a right-angled triangle is called a \_\_\_\_\_
15. the measurement of how long something is

**Down**

1. it looks like a rectangle, but the sides are equally long
3. Pythagoras was a Greek \_\_\_\_\_
4.  $\angle \beta = 60^\circ$  - what does the symbol  $\angle$  means?
10. the formula for calculating the \_\_\_\_\_ of a square is  $A = \text{Length} \times \text{Length}$
11.  $a^2 + b^2 = c^2$  is the formula for Pythagorean \_\_\_\_\_
12. the square \_\_\_\_\_ of 25 is 5 ( $\sqrt{25} = 5$ )